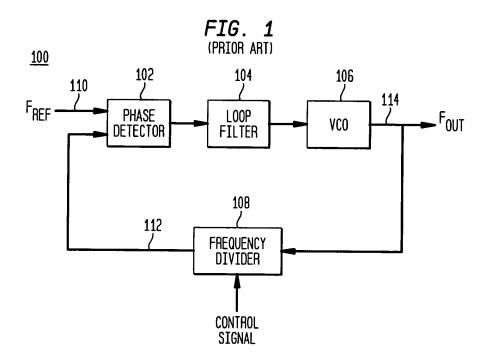
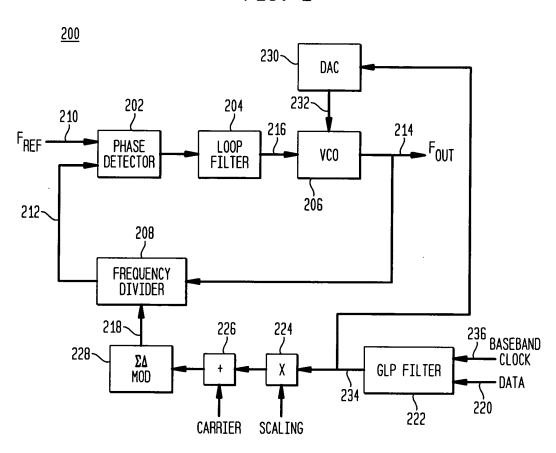


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FIG. 2





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FIG. 3A

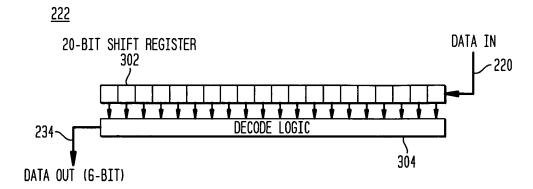


FIG. 3B

GAUSSIAN FILTER LOOK-UP TABLE FOR 12.00 MHz BASEBAND CLOCK

SR VALUE	OUTPUT	SR VALUE	OUTPUT	SR VALUE	OUTPUT
FFFFF	<u>IF</u>	C0000	21	0FFFF	1 <u>D</u>
FFFFE FFFFC	1F 1E	80000 00000	20 20	1FFFF 3FFFF	1E 1E
FFFF8	1E	00001	20	7FFFF	1F
FFFF0	1D	00003	21	FE001	2B
FFFE0 FFFC0	18 18	00007 0000F	21 22	FC003 F8007	27 25
FFF80	14	0001F	24	F000F	24
FFF00	0E	0003F	27	E001F	25
FFE00 FFC00	07 3F	0007F 000FF	2B 31	C003F 8007F	27 2B
FF800	38	001FF	38	01FFE	14
FF000	31	003FF	3F	03FFC	18
FE000 FC000	2B 27	007FF 00FFF	07 0E	07FF8 0FFF0	1A 1B
F8000	24	01FFF	14	1FFE0	16 1A
F0000	22	03FFF	18	3FFC0	18
E0000	21	07FFF	1 B	7FF80	14

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FIG. 3C

GAUSSIAN FILTER LOOK-UP TABLE FOR 13.00 MHz BASEBAND CLOCK

SR VALUE	OUTPUT	SR VALUE	OUTPUT	SR VALUE	OUTPUT
FFFFF FFFFE FFFFE FFFFE FFFFE FFFFE FFFE FFFE FFFE FFFE FFFE FFFE FF FF	1F 1E 1D 1C 1A 17 13 0D 07 3F 38 22 28 22 22	C0000 80000 00000 00001 00003 00007 0000F 0001F 0007F 001FF 003FF 007FF 01FFF 01FFF 01FFF	21 20 20 21 22 23 25 28 27 38 37 00 13 17	0FFFF 1FFFF 3FFFF 7FFFF FC001 F8003 F0007 E000F C001F 8003F 03FFE 07FFC 0FFF8 1FFF0 3FFE0	1C 1D 1E 1E 28 26 24 24 26 28 17 19 1B 19 17



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FIG. 4A

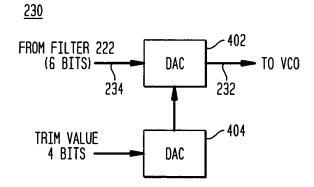
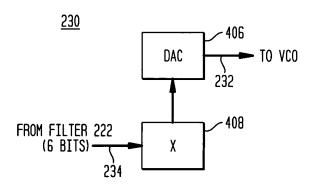
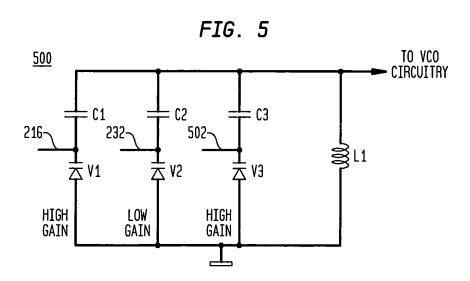


FIG. 4B







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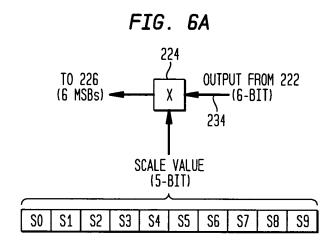


FIG. 6B
LOOK-UP TABLE OF SCALE VALUES

REFERENCE FREQUENCY, MHz	DEVIATION, Hz	SCALE VALUE (5 BIT)	TABLE ENTRY
12.00	155273	27	SO
12.80	153125	25	S1
13.00	155518	25	S2
15.36	153750	21	S3
16.80	159961	20	S4
19.20	154688	17	S5
19.44	156621	17	SB
19.68	158555	17	S7
19.80	159521	17	S8
26.00	158691	13	S9



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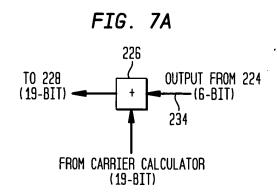


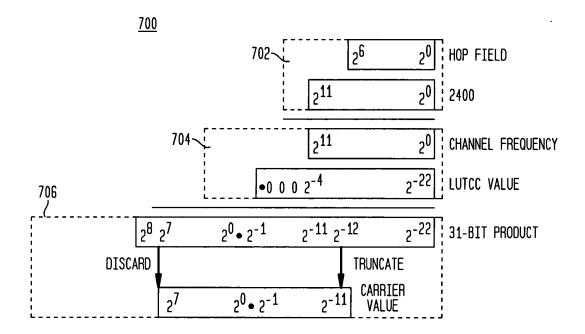
FIG. 7C
LOOK-UP TABLE FOR CARRIER CALCULATION

REFERENCE	LUTCC	VALUE
FREQUENCY, MHz	DECIMAL	HEX
12.00	349525	55555
12.80	327680	50000
13.00	322638	4EC4E
15.36	273066	42AAA
16.80	249660	3CF3C
19.20	218453	35555
19.44	215756	34ACC
19.68	213125	34085
19.80	211833	33B79
26.00	161319	27627



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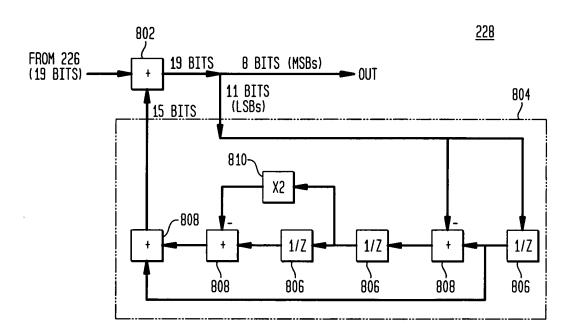
FIG. 7B





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FIG. 8





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